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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Allan D. Jepson et al. Dkt. No.: A1459 (xc-012)

Assignee: Xerox Corporation

Title: ROBUST, ON-LINE, VIEW-BASED APPEARANCE MODELS FOR
VISUAL MOTION ANALYSIS AND VISUAL TRACKING

Serial No. 10/016,659

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Art Unit: 2621

BOX NON-FEE AMENDMENT
ASSISTANT COMMISSIONER FOR PATENTS
Washington, D. C. 20231

May 6, 2002

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Technology Center 2600

PRELIMINARY AMENDMENT

Dear Sir:

Before taking action in this case, please amend the
specification as indicated.

IN THE SPECIFICATION

Paragraph 0048 should be replaced with:

A. [0048] In general, stable component 130 differs from transient component 140 in that the digital representation component defined by stable component 130 is based on a longer temporal history (i.e., longer time scale) than that of transient component 140. That is, the parameters of stable component 130 reflect the "stability" of image data in each incrementally established digital representation. The terms "stability" and "stable" are used herein to describe image data values that remain relatively unchanged over a relatively long time scale (e.g., over five or more sequential image frames). In contrast, the parameters of transient component 140 reflect the relative transience of image data in each incrementally established